



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/903,059 Confirmation No.: 9375  
First Named Inventor: Bulucea, Constantin Filing Date: 10 July 2001  
Group Art Unit: 2891 Examiner: Farahani, D.  
Atty. Docket No.: NS-4971 US  
Title: Gate-Enhanced Junction Varactor  
Assignee(s): National Semiconductor Corporation

Mountain View, California  
6 June 2006

**MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, Virginia 22313-1450**

**AMENDMENT TO DRAWINGS**

Sir:

The drawings of the above patent application should be amended in the following manner.

In each of Figs. 19b and 23b, reference symbol " $V_{DD}$ " should be changed to " $V_{HH}$ ".

In Fig. 22, change "C1 Cap. Signal Path" and "C2 Cap. Signal Path" respectively to "C1 Capacitance Signal Path" and "C2 Capacitance Signal Path".

Enclosed are copies of the relevant drawings sheets in which the foregoing changes are indicated in red.

Drawings changes previously requested and incorporated into the formal drawings submitted 27 January 2003 are indicated in pencil in the enclosed copies of the relevant drawing sheets.

Also enclosed, in conjunction with the explanation presented in the Remarks, is a copy of the drawing sheet containing Fig. 22 in which previously made changes to Fig. 22 are indicated in red.

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## REMARKS

Applicant's attorney has requested that the drawings be amended to correct a pair of self-evident errors. In particular, Applicant's attorney has requested that reference symbol " $V_{DD}$ " for the high voltage supply in each of Figs. 19b and 23b be changed to " $V_{HH}$ " in conformity with the material presented in paragraphs 186, 192, 240, and 245 of the specification.

In the Amendment submitted 8 January 2003 for revising the drawings, Applicant's Attorney requested that reference symbol " $V_{SS}$ " for the low voltage supply in each of Figs. 19b and 23b be changed to " $V_{LL}$ " but did not notice that reference symbol " $V_{DD}$ " for the high voltage supply in each of Figs. 19b and 23b should similarly be changed to " $V_{HH}$ ". The present amendment corrects that error.

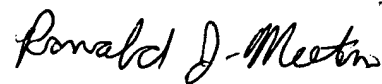
Applicant's Attorney notes that the abbreviation "Cap." in the labels "C1 Cap. Signal Path" and "C2 Cap. Signal Path" in Fig. 22 was changed to "Capacitance" in the formal version of Fig. 22 submitted 27 January 2003, thereby bringing Fig. 22 into conformity with the use of the labels "C1 Capacitance Signal Path" and "C2 Capacitance Signal Path" in Fig. 18. To the extent that a request to spell out the abbreviation "Cap." in Fig. 22 should have been previously submitted to the PTO, Applicant's Attorney hereby requests approval for changing "C1 Cap. Signal Path" and "C2 Cap. Signal Path" in Fig. 22 respectively to "C1 Capacitance Signal Path" and "C2 Capacitance Signal Path".

Please telephone Attorney for Applicant at 650-964-9767 if there are any questions.

**EXPRESS MAIL LABEL NO.:**

**EV 743 585 153 US**

Respectfully submitted,



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**SUBMISSION OF CORRECTED FORMAL DRAWINGS**

Sir:

Enclosed are replacements for formal drawing sheets 12 and 17 of the above patent application. Enclosed replacement formal drawing sheets 12 and 17 incorporate the revisions requested in Figs. 19b and 23b via the accompanying Amendment to Drawings. If these revisions are acceptable, please substitute enclosed replacement drawing sheets 12 and 17 for formal drawing sheets 12 and 17 submitted 27 January 2003.

Please telephone Attorney for Applicant(s) at 650-964-9767 if there are any questions regarding these drawings.

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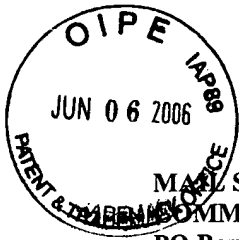
Respectfully submitted,

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6 June 2006

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Sir:

Transmitted herewith are the following documents for the above patent application:

1. Return Receipt Postcard;
2. This Transmittal Letter (in duplicate);
3. Supplemental Amendment (4 pp.);
4. Marked-up Specification (79 pp.);
5. Substitute Specification (79 pp.);
6. Amendment to Drawings (2 pp.);
7. Annotated Drawing sheets (3 pp.);
8. Submission of Corrected Formal Drawings (1 pp.); and
9. Replacement Drawing sheets (2 pp.).

☒ The fee has been calculated as shown below:**CLAIMS AS AMENDED**

	Claims Remaining <u>After Amendment</u>		Highest No. <u>Previously Paid For</u>		Present <u>Extra</u>		<u>Rate</u>		<u>Additional Fee</u>
Total Claims	97	Minus	114	=	0	x	\$50.00	\$	0.00
Independent Claims	7	Minus	9	=	0	x	\$200.00	\$	0.00
<input type="checkbox"/>	Fee of \$360 for the first filing of one or more multiple dependent claims							\$	
<input type="checkbox"/>	Fee for Request for Extension of Time (      month(s))							\$	
<input type="checkbox"/>	Fee for							\$	
<b><u>Total additional fee for this Amendment:</u></b>								\$	0.00
<input checked="" type="checkbox"/>	Please charge Deposit Account No. 502641 in the amount of							\$	0.00
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required, the Commissioner is authorized to deduct the necessary fee from Deposit Account No. 502641.								
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to Deposit Account No. 502641.								

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